

Substitute for Form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/852,755
				Filing Date	5/9/01
				First Named Inventor:	Ethan Spiegel
				Art Unit	2666
				Examiner Name	Duong, Frank
				Attorney Docket Number	81862.P232D
Sheet	1	of	12		
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FD	—	US- Re33,900	4/28/92	Howson	—
		US- 4,131,767	12/26/78	Weinstein	
		US- 4,161,719	7/17/79	Parikh, et al.	
		US- 4,316,284	2/16/82	Howson	
		US- 4,397,020	8/2/83	Howson	
		US- 4,437,087	3/13/84	Petr	
		US- 4,438,511	3/20/84	Baran	
		US- 4,439,763	3/27/84	Limb	
		US- 4,445,213	4/24/84	Baugh et al.	
		US- 4,446,555	5/1/84	Devault et al.	
		US- 4,456,957	6/26/84	Schieltz	
		US- 4,464,658	8/7/84	Thelen	
		US- 4,499,576	2/12/85	Fraser	
		US- 4,507,760	3/26/85	Fraser	
		FD	—	US- 4,532,626	

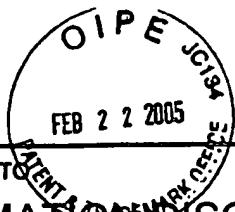
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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FD	—	US-	4,644,532	2/17/87	George et al.	—
		US-	4,646,287	2/24/87	Larson et al.	
		US-	4,677,423	6/30/87	Benvenuto et al.	
		US-	4,679,227	7/7/87	Hughes-Hartogs	
		US-	4,723,267	2/2/88	Jones et al.	
		US-	4,731,816	3/15/88	Hughes-Hartogs	
		US-	4,757,495	7/12/88	Decker et al.	
		US-	4,763,191	8/9/88	Gordon et al.	
		US-	4,769,810	9/6/88	Eckberg Jr. et al.	
		US-	4,769,811	9/6/88	Eckberg Jr. et al.	
		US-	4,771,425	9/13/88	Baran et al.	
		US-	4,819,228	4/4/89	Baran et al.	
		US-	4,833,706	5/23/89	Hughes-Hartogs	
		US-	4,835,737	5/30/89	Herrig et al.	
		FD	—	US-	4,893,306	

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FD	—	US-	4,903,261	2/20/90	Baran et al.	—
		US-	4,922,486	5/1/90	Lidinsky et al.	
		US-	4,960,310	10/2/90	Cushing	
		US-	4,962,497	10/9/90	Ferenc, et al.	
		US-	4,962,532	10/9/90	Kasiraj et al.	
		US-	4,970,678	11/13/90	Sladowski et al.	
		US-	4,979,118	12/90	Kheradpir	
		US-	4,980,897	12/25/90	Decker et al.	
		US-	4,991,169	2/5/91	Davis et al.	
		US-	5,003,595	3/26/91	Collins et al.	
		US-	5,014,265	5/7/91	Hahne et al.	
		US-	5,020,058	5/28/91	Holden et al.	
		US-	5,033,076	7/16/91	Jones et al.	
		US-	5,054,034	10/1/91	Hughes-Hartogs	
		US-	5,059,925	10/22/91	Weisbloom	

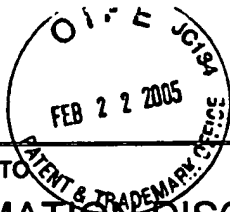
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FD	—	US-	5,072,449	12/10/91	Enns et al.	—
		US-	5,095,480	3/92	Fenner	
		US-	5,115,431	5/19/92	Williams et al.	
		US-	5,128,945	7/7/92	Enns et al.	
		US-	5,136,580	8/4/92	Videlock et al.	
		US-	5,166,930	11/24/92	Braff et al.	
		US-	5,199,049	3/30/93	Wilson	
		US-	5,206,886	4/27/93	Bingham	
		US-	5,208,811	5/93	Kashio et al.	
		US-	5,212,686	5/18/93	Joy et al.	
		US-	5,224,099	6/29/93	Corbalis et al.	
		US-	5,226,120	7/6/93	Brown et al.	
		US-	5,228,062	7/13/93	Bingham	
		US-	5,229,994	7/20/93	Balzano et al.	
		FD	—	US-	5,237,564	

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## Sheet

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PD	I	US-	5,243,342	9/7/93	Kattemalalavadi et al.	I
		US-	5,243,596	9/7/93	Port et al.	
		US-	5,247,516	9/21/93	Bernstein et al.	
		US-	5,249,178	9/28/93	Kurano et al.	
		US-	5,253,251	10/12/93	Aramaki	
		US-	5,255,291	10/19/93	Holden et al.	
		US-	5,260,933	11/9/93	Rouse	
		US-	5,260,978	11/9/93	Fleischer et al.	
		US-	5,268,592	12/7/93	Bellamy et al.	
		US-	5,268,900	12/7/93	Hluchyj et al.	
		US-	5,271,004	12/14/93	Proctor et al.	
		US-	5,274,631	12/28/93	Bhardwaj	
		US-	5,274,635	12/28/93	Rahman et al.	
		US-	5,274,643	12/28/93	Fisk	
PD	I	US-	5,280,470	1/18/94	Buhrke et al.	I

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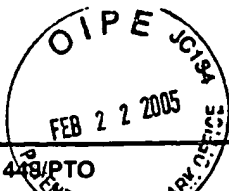
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		US-	5,280,500	1/18/94	Mazzola et al.	
		US-	5,283,783	2/1/94	Nguyen et al.	
		US-	5,287,453	2/94	Roberts	
		US-	5,291,482	3/1/94	McHarg et al.	
		US-	5,305,311	4/19/94	Lyles	
		US-	5,307,343	4/26/94	Bostica et al.	
		US-	5,311,509	5/10/94	Heddes et al.	
		US-	5,313,454	5/17/94	Bustini et al.	
		US-	5,313,582	5/17/94	Hendel et al.	
		US-	5,317,562	5/31/94	Nardin et al.	
		US-	5,327,421	7/5/94	Hiller et al.	
		US-	5,331,637	7/19/94	Francis et al.	
		US-	5,345,445	9/6/94	Hiller et al.	
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		US-	5,365,524	11/15/94	Hiller et al.	
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		US-	5,394,394	2/28/95	Crowther et al.	
		US-	5,394,402	2/28/95	Ross	
		US-	5,400,325	3/21/95	Chatwani et al.	
		US-	5,408,469	4/18/95	Opher et al.	
		US-	5,416,842	5/16/95	Aziz	
		FD	—	US-	5,422,880	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

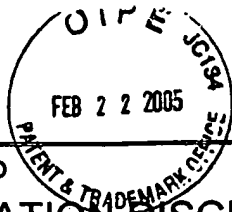
Examiner Signature		Date Considered	10/26/05
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				Application Number	09/852,755
				Filing Date	5/9/01
				First Named Inventor:	Ethan Spiegel
				Art Unit	2666
				Examiner Name	Duong, Frank
Sheet	8	of	12	Attorney Docket Number	81862.P232D

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		Number-Kind Code <sup>2</sup> (if known)				
FD	—	US-	5,422,882	6/6/95	Hiller et al.	—
		US-	5,423,002	6/6/95	Hart	
		US-	5,426,636	6/20/95	Hiller et al.	
		US-	5,428,607	6/27/95	Hiller et al.	
		US-	5,430,729	7/95	Rahnema	
		US-	5,442,457	8/15/95	Najafi	
		US-	5,442,630	8/15/95	Gagliardi et al.	
		US-	5,452,297	9/19/95	Hiller et al.	
		US-	5,473,599	12/5/95	Li et al.	
		US-	5,473,607	12/5/95	Hausman et al.	
		US-	5,490,140	2/96	Abensour et al.	
		US-	5,491,687	2/13/96	Christensen et al.	
		US-	5,491,804	2/13/96	Heath et al.	
		US-	5,497,368	3/5/96	Reijnierse et al.	
		FD	—	US-	5,504,747	

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		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

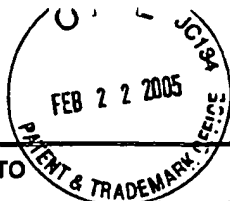
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				Art Unit	2666
				Examiner Name	Duong, Frank
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FD	—	US-	5,509,006	4/16/96	Wilford et al.	—
		US-	5,517,494	5/14/96	Green	
		US-	5,519,704	5/21/96	Farinacci et al.	
		US-	5,526,489	6/11/96	Nilakantan et al.	
		US-	5,530,963	6/25/96	Moore et al.	
		US-	5,535,195	7/9/96	Lee	
		US-	5,539,734	7/96	Burwell et al.	
		US-	5,541,911	7/96	Nilakantan et al.	
		US-	5,546,370	8/96	Ishikawa	
		US-	5,561,669	10/1/96	Lenney et al.	
		US-	5,583,862	12/20/96	Callon	
		US-	5,592,470	1/7/97	Rudrapatna et al.	
		US-	5,598,581	1/28/97	Daines et al.	
		US-	5,600,798	2/97	Chenrukuri et al.	
		FD	—	US-	5,608,726	

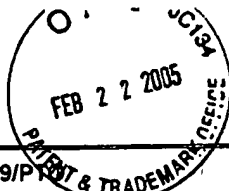
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				Examiner Name	Duong, Frank
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		Number-Kind Code <sup>2</sup> (If known)				
FD	I	US-	5,617,417	4/1/97	Sathe et al.	I
		US-	5,617,421	4/1/97	Chin et al.	
		US-	5,630,125	5/97	Zellweger	
		US-	5,631,908	5/20/97	Saxe	
		US-	5,632,021	5/20/97	Jennings et al.	
		US-	5,680,116	10/97	Hashimoto et al.	
		US-	5,684,797	11/97	Aznar et al.	
		US-	5,687,324	11/11/97	Green et al.	
		US-	5,689,506	11/97	Chiussi et al.	
		US-	5,724,351	3/3/98	Chao et al.	
		US-	5,748,186	5/98	Raman	
		US-	5,802,054	9/98	Bellenger	
		US-	5,854,903	12/29/98	Morrison et al.	
		US-	5,856,981	1/99	Voelker	
		US-	5,892,924	4/99	Lyon et al.	

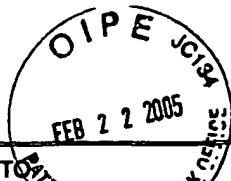
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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Sheet	11	of	12	Attorney Docket Number	81862.P232D

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		Number-Kind Code <sup>2</sup> (if known)				
FD FD FD FD FD	11111	US-	5,898,686	4/27/99	Virgile	I
		US-	5,903,559	5/99	Acharya et al.	
		US-	6,122,272	9/19/00	Tomaszewski et al.	
		US-	6,356,530	3/12/02	Tomaszewski et al.	
		US-	6,611,496	8/26/03	Tomaszewski et al.	
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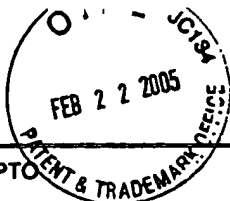
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
EP FD	—	WO 93/07569	4/15/93	—	—	—
	—	EP 0567217A2	10/27/93	—	—	—

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				Art Unit	2666
				Examiner Name	Duong, Frank
Sheet	12	of	12	Attorney Docket Number	81862.P232D
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
FD	—	Updated Applicants' Statement on page 2 of the attached Information Disclosure Statement.			
FD	—	ATM Forum Private Network-Network Interface Specification (1.0) <a href="http://www.ATMForum.com">www.ATMForum.com</a> , 385 pgs.			

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